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Manufacturing Declaration

- The stainless-steel woven wire mesh in our sieves is either AISI 304 or 316. This varies according to aperture size depending on the material supplier used.
    - If there is a need to be more specific, please advise the aperture size of the sieve in question. We can review our purchasing records to confirm the specific material type of supplied aperture size.
    - If sieves have already been supplied, please confirm the serial number and aperture size so we review our manufacturing records and confirm what material type has been fitted.
    - We maintain traceability back to the material supplier for woven wire mesh.
- The mesh used in Endecotts test sieves is inspected in line with clause 5.2 of ISO 3310-1:2016 or clause 5 of ASTM E11-20 (or the relevant clause of the required specification) during the manufacturing process.
- The plate used in our perforated plate sieves are 304 stainless steel.
    - If sieves have already been supplied, please confirm the serial number and aperture size so we review our manufacturing records and confirm what material type has been fitted.
- The plate used in Endecotts perforated metal plate test sieves is inspected in line with clause 5.2 of ISO 3310-2:2013 (or the relevant clause of the required specification) during the manufacturing process.
- Plate thickness varies according to the sieve diameter as specified in clause 5.1.3 of ISO 3310-2:2013 (or the relevant clause of the required specification)
- Stainless steel bodies are all AISI 304.
- Brass bodies, up to 8" /200mm diameter (drawn bodies), are all 90:10 Cu:Zn.
- Brass bodies, for larger diameter (spun bodies) are all 70:30 Cu:Zn.
- In most cases the mesh is secured to the sieve using solder of 60:40 Sn:Pb. (Except where the sieve is known to be going into a specific environment or when requested by the customer - in which case a 'lead free' solder is used).
- Mesh fitted to spun body sieves (250 mm diameter and above) with apertures 20 µm to 710 µm (brass) and 1.6 mm (S/Steel) (inclusive) may also be electro-welded.
- Mesh fitted to spun body sieves (250 mm diameter and above) with apertures 20 µm to 12.5 mm (inclusive) of both S/Steel and Brass sieves, are fitted with black Neoprene sponge to seal any crevices.
- Test sieves, lids and receivers are compatible with sieves of the same diameter.
- All goods are manufactured and inspected under a Quality Management System to BS EN ISO 9001:2015, registered with the BSI, to ensure compliance with order instructions.
- In all cases, Endecotts reserves the right to vary its method of manufacture to suit demand and operational parameters.